

Abstract

A passenger car includes an engine that is mounted in the front end, from which a drive shaft leads to the rear wheels of the vehicle, and a fuel tank that is mounted between the vehicle seats and that extends in the longitudinal direction of the vehicle, the drive shaft running basically alongside the fuel tank from front to rear. An exhaust system of the engine, which is designed as an internal combustion engine, preferably runs from front to rear on the side of the fuel tank that is opposite the drive shaft. The fuel tank may be configured more narrowly in its top section than in its geodetically lower section and, in particular, have an approximately pear-shaped cross section and be designed to hold liquefied gas, especially liquid hydrogen. Preferably, the drive shaft of the vehicle engine runs in the vehicle longitudinal direction, and a gear reduction manual transmission that is provided between the engine and the drive shaft for the rear wheels is mounted on the side of the engine.